

**Abstract**

The invention relates to a joining construction for mounting the CCD cells of a color line camera on a color splitting prism (30) attached to a prism housing (2). Each CCD cell (6, 7, 8) is attached, by a first glue joint (13), to its fastening element (9), the length (L2) whereof is essentially larger than the length (L1) of the CCD cell, and which fastening element (9) extends from the housing margin (12a) located on one side of said exit surface (20a, 20b, 20c) of the color splitting prism to the other housing margin (12b) located on the opposite side thereof. Each fastening element (9) is attached to said margins by third glue joints (11).

Figure 2

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